

JP 86055747
61-055747
1387886 (C)

SANYO ELECTRIC CO (SAOL)

	1	2	3	4	5
Application Number	53-120629(1978)				
Unexamined Publication Number	JP,55-046288,A(1980)				
Examined Publication Number	JP,61-055747,B(1986)				
Registration Number	JP,1387886,B				

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **55-046288**

(43)Date of publication of application : **31.03.1980**

(51)Int.CI.

H01M 4/06

H01M 6/16

(21)Application number : **53-120629**

(71)Applicant : **SANYO ELECTRIC CO LTD**

(22)Date of filing : **28.09.1978**

(72)Inventor : **FURUKAWA SANEHIRO
MORIWAKI KAZUO**

(54) NONAQUEOUS ELECTROLYTIC CELL

(57)Abstract:

PURPOSE: To sechme to make active substances themselves inexpensive and free from public unisance and improve the discharge performance of a cell by using composite oxide made of iron and cobalt as the anode of a nonaqueous electrolytic cell having the cathode made of light metal.

CONSTITUTION: The nonaqueous electrolyte of lithium perchlorate is used with the cathode made of light metal such as lithium or magnesium. A cell having high energy density is formed by using composite oxide consisting of iron and cobalt as anode active substance of the cell. This composite oxide is prepar by the process in which 4mol sodium hydroxide aqueous solution is added to the mixed aqeous solution consisting of

0.8mol ferric sulfate and 0.2mol of cobalt sulfate, and the solution thus obtained is neutralized, and after leaving the solution for own week, the coprecipitate is filtered, washed by water, dried, and heat-treated at 500°C for 5 hours.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]